



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Joel Morganroth

Serial No.: 10/738,427

Group Art Unit: 3629

Filed: December 17, 2003

Confirmation No: 8208

For: METHOD AND SYSTEM FOR PROCESSING ELECTROCARDIOGRAMS

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as "Express Mail Post Office to Addressee" Mailing Label Number EV306256104US to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

8/16/04

Date

*E. Orleman*

Elizabeth Orleman

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SUPPLEMENTAL INFORMATION DISCLOSURE**  
**STATEMENT TRANSMITTAL LETTER**

Dear Sir:

Enclosed herewith is an Information Disclosure Statement pursuant to 37 CFR.  
§ 1.56 in connection with the above-identified application, which statement is being filed:

- ☐ Together with the present application.
- ☒ Before the first Office Action on the merits or three (3) months from the filing date of this application, whichever occurs last. [37 CFR § 1.97(b)]
- ☐ After the first Office Action on the merits, but before a Final Office Action under §1.113 or Notice of Allowance under §1.311, whichever occurs first. [37 CFR § 1.97(c)]

- ☐ After a Final Office Action under §1.113 or Notice of Allowance under §1.311, but prior to or with payment of the Issue Fee. **[37 CFR § 1.97(d)]**

Consistent with Applicant's obligations pursuant to 37 CFR §§1.97 and 1.98, the following requirements have been met:

☒ No separate requirements are needed.

☒ No additional fee is required.

☐ **Fee Under 37 CFR § 1.97(c)**

The fee of \$180.00 for submission of an IDS under § 1.97(c) as set forth in § 1.17(p) accompanies this statement.

☐ **Fee Under 37 CFR § 1.97(d)**

The fee of \$180.00 for submission of an information disclosure statement under § 1.97(d) set forth in § 1.17(p) accompanies this statement.

☐ **Certification Under 37 CFR § 1.97(e)**

- ☐ Each item of information contained in this statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement; or
- ☐ No item of information contained in this statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in this statement was known to any individual designated in §1.56(c) more than three months prior to the filing of this statement.

**Provision of Copies of References**

☒ A copy of each of the non-U.S. patent references listed on the attached Form PTO-1449 is enclosed herewith and forms a part hereof.

☐ A partial translation of reference is enclosed herewith and forms a part hereof.


- ☐ A copy of the Search Report from a corresponding British application is enclosed herewith.
- ☐ A copy of the International Search Report from a corresponding or related PCT application is enclosed herewith.

**Identification of Prior Application(s) In Which Listed Information Was Already Cited And For Which No Copies Are Submitted Or Need Be Submitted**

- ☐ This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior U.S. Application No(s). . The following references were submitted to, and/or cited by, the Office in the prior application(s) and therefore are not required to be provided in this application:
- ☒ The Commissioner is hereby authorized to charge any fees associated with this communication or credit any overpayment to Deposit Account No. 04-1679. A duplicate copy of this transmittal is attached.

Respectfully submitted,

DATE: 8/16/04

  
\_\_\_\_\_  
Joseph A. Powers  
Registration No. 47,006  
Attorney for Applicant(s)

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EXPRESS MAIL NO.: EV306256104US

ATTY. DOCKET NO. D5859-00005CIP

THE UNITED STATES PATENT AND TRADEMARK OFFICE

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I CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE ON THE DATE SHOWN BELOW WITH SUFFICIENT POSTAGE AS "EXPRESS MAIL POST OFFICE TO ADDRESSEE" MAILING LABEL NUMBER EV306256104US TO COMMISSIONER FOR PATENTS, BOX 1450, ARLINGTON, VA 22313-1450.

8/16/04

ON

*Elizabeth Orleman*

BY: Elizabeth Orleman

Commissioner for Patents  
P.O. Box 1450  
Arlington, VA 22313-1450

**REQUEST FOR EXAMINER INTERVIEW ACCOMPANYING SUPPLEMENTAL  
INFORMATION DISCLOSURE STATEMENT**

Sir:

The Applicant submits herewith a supplemental information disclosure statement submitting, inter alia, several operator manuals for the GE MUSE brand of ECG receiving stations as well as several screen shots depicting various ECG waveforms as displayed by the GE MUSE brand of ECG receiving station.

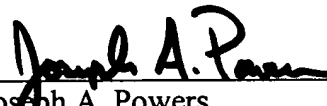
The Applicant understands that the information submitted is rather voluminous, with a few of the manuals being several hundred pages long. Therefore, the Applicant would like to request an in-person interview with the Examiner prior to issuance of any substantive action to discuss relevant portions of the documents submitted in the attached information disclosure

statement and the inventor's claimed ECG processing system and method and to provide relevant background information on to the industry.

The Applicant respectfully requests that the Examiner telephone the undersigned to set up an interview at the Examiner's convenience when this application is ready for examination.

Respectfully submitted,

Dated: 8/16/04

  
\_\_\_\_\_  
Joseph A. Powers,  
Registration No. 47,006  
Attorney for Applicant

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4200 One Liberty Place  
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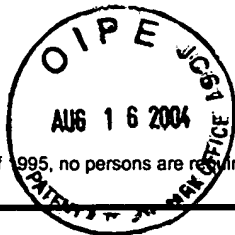
<p>Under the provisions of the American Inventor's Protection Act of 1980, this document is being published in accordance with the provisions of 35 U.S.C. 122(b).</p> <p>ppfSubstitute for form 1449A/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p>(use as many sheets as necessary)</p>	<b>Complete if Known</b>	
	<b>Application Number</b>	10/738,427
	<b>Filing Date</b>	December 17, 2003
	<b>First Named Inventor</b>	Joel Morganroth
	<b>Art Unit</b>	3629
	<b>Examiner Name</b>	
	<b>Attorney Docket Number</b>	D5859-00005CIP

[illegible]

<b>Examiner Initials</b>	<b>Cite No.</b>	<b>Foreign Patent Document Country Code –Number – Kind Code (if known)</b>	<b>Publication Date MM-DD-YYY</b>	<b>Name of Patentee or Applicant of Cited Document</b>	<b>Pages, Columns, Lines Where Relevant Passages or Figures Appear</b>	<b>T</b>

Examiner Signature		Date Considered	
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\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)	<b>Complete if Known</b>	
	<b>Application Number</b>	10/738,427
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	<b>Art Unit</b>	3629
	<b>Examiner Name</b>	
	<b>Attorney Docket Number</b>	D5859-00005CIP

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher city and/or country where published	T
	C	CORDIGITAL™ Telemedical Solutions, Micro12ECG+ Manual (16 pages), at least as of 1998	
	D	TM 2000 Patient Monitoring System, System Requirements Specification, CARD GUARD Scientific Survival Ltd. Document No. 590043 (46 pages), January 30, 1997	
	E	The Card Guard CG-7000 DX, 12 Lead ECG Recorder/Transmitter Physician's Guide (22 pages)	
	F	MUSE CV® Information System Operator's Manual, Software Version 005B, PN 421619-001, Revision C, GE Marquette (510 pages), September 8, 1999	
	G	Marquette® HL7 Interface Professional Toolkit Operator's manual, Software Version 5A PN 40852-30 Revision D (392 pages), August 9, 1999	
	H	MUSE CV® Messaging Installation & Configuration – 005A & 005B, GE Marquette (16 pages), July 13, 1999	
	I	MUSE CV® Web Server Instruction Guide to Enabling SSL, GE Medical Systems Information Technologies, MUSE CV Information System 2003934-001, Revision B (24 pages), December 7, 2001	
	J	MUSE CV® Information System Conversions, Forklifts, New Systems, Pre-Quote Survey, Software Version 005C, PN 2002783-029, Revision A, GE Marquette, May 31, 2000	
	K	MUSE CV® Information System, CPU-CPU/DHCP Interface Installation (Versions 005A, 005B & 005C), GE Marquette (16 pages), March 31, 2000	
	L	Department of Health and Human Service's, Food and Drug Administration, Electronic Interchange Standard for Digital ECG and Similar Data; Public Meeting, Docket No. 0.1 N-04761 (4 pages), published October 24, 2001	
	M	MUSE Version 5C.04 Release Overview, January 14, 2001 (6 pages)	
	N	Three (3) screen shots of ECGs produced by G.E. MUSE	
	O	WILLEMS, JOS L. ET AL., "The Diagnostic Performance of Computer Programs for the Interpretation of Electrocardiograms," The New England Journal of Medicine Vol. 325, No. 25, pp. 1767-1773, December 19, 1991	
	P	The CSE Working Party, "Recommendations for Measurement Standards in Quantitative Electrocardiography," European Heart Journal, (1985) 6, pp. 815-825 © 1985 The European Society Society of Cardiology	

PH1\1224889.1

Examiner Signature		Date Considered	
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